

Data Sheet

Barricade™ SMC7004VBR V.2



Cable/DSL Broadband Router with integrated firewall

The Barricade™ Broadband Router is the ideal networking solution for any home and business user that is looking for a simple cost-effective network product. This affordable platform independent multi-function router combines a 4-port 10/100 Mbps dual speed switch and a network management system, which features an option to log DHCP and hacker information, into one convenient device. The Barricade supports various network protocols, such as TCP/IP and NetBeui, while also providing support for VPN connections with PPTP, L2TP, and IPSec pass through.

The Barricade Broadband Router has an integrated Stateful Packet Inspection (SPI) firewall feature to provide a high level of security against hacker invasions, such as Denial of Service (DoS) attacks. The highly efficient SPI firewall analyzes individual data packets, as they pass through the Barricade, to ensure that only authorized packets are allowed access to your network. To control network access, parents or business owners can block certain web sites by entering either a URL address or just a keyword of the web site. In addition to these incredible features, this latest addition to the Barricade family also provides hacker prevention and logging functionalities. For example, when a hacker attempts to access your network, the Barricade can alert you via email so you can take appropriate action. The Barricade Broadband Router provides Network Address Translation (NAT) and a DHCP server allowing for simultaneous Internet access for up to 253 PC's. To manage these connections, this NAT router has a built-in DHCP server to auto-assign IP addresses to devices on your network. To install this device, simply plug this router into your broadband connection using the integrated 10/100Mbps RJ-45 WAN port - configure your static, dynamic, or PPPoE connection through the web-based interface - and in minutes you will be surfing the web. By using the web-based management system you can configure this router to handle IP routing and port forwarding through the Virtual Server option. For added management, this router also has a full-featured Access Control option. The integrated feature allows you to filter traffic through your network based on IP and MAC address.

The Barricade Router is a comprehensive networking solution for PC, Mac, or Linux users, and is backed by a limited lifetime warranty.

Features and Benefits

High Performance & Functionality

- Share your Cable or DSL Connection
- EZ 3-Click Installation Wizard
- Configurable parental Control
- Advanced Firewall Protection
- Supports a Wide Variety of Internet Applications
- Auto MDI-X on LAN and WAN ports
- UPnP
- Dynamic DNS support

Compatibility

- Platform independent - works with PC's and Mac's
- IEEE 802.3 and 802.3u compliant

Product	Model No	Description
Barricade Broadband Router	SMC7004VBR V.2	Cable/DSL Router with integrated SPI Firewall

www.smc-europe.com www.smc.com

SMC®
Networks

Specifications

Ports

- Four RJ-45 10/100 Mbps LAN Ports (Auto-MDI-X)
- One 10/100 Mbps WAN port (Auto-MDI-X)

Internet Sharing Methods

- Static IP
- Dynamic IP
- PPTP
- PPoE
- NAT
- Dynamic DNS Support (DynDNS.org)

Protocols

- TCP/IP
- IPSec/PPTP/L2TP pass-through (VPN)
- DHCP
- PPP Internet Control Protocol
- PPP Internet Authentication Protocol
- Point-to-Point Protocol
- UPnP

Cabling Type

- 10Base-T: UTP/STP Category 3 or 5
- 100Base-TX: UTP/STP Category 5 or above

Speed

- WAN Port: 10/100 Mbps
- LAN Port: 4-Port 10/100 Mbps
- Power
- WAN
- Link
- Activity

LED's

- Power
- WAN
- Link
- Activity

NAT Router - Ethernet Interface

- IP, PPPoE

Configuration and Management

- Web-based

Maximum Users

- NAT: 253 Nodes

Features

- DHCP Client/Server, NAT, Hacker Attack and DHCP logging, Virtual Servers, Virtual DMZ hosts, VPN Pass-through support (IPSec, PPTP, L2TP), Stateful Packet Inspection, Email Alerts, Parental Control, Dynamic DNS

Upgrade Method

- Web

Power

- 6V, 1A

Size

- 131.1 x 86 x 32.3 mm

Weight

- 170 g

Temperature

- Operating 0° to 40°C
- Storage -40° to 70°C

Standards

- 802.3
- 802.3u
- RFC 826 ARP
- RFC 791 IP
- RFC 792 ICMP
- RFC 768 UDP
- RFC 793 TCP
- RFC 854-859 TELNET
- RFC 1321 MD5
- RFC 1497 BOOTP Extension
- RFC 1570 PPP LCP Extension
- RFC 1631 NAT
- RFC 1661 PPP
- RFC 1700 Assigned Numbers
- RFC 1866 HTML
- RFC 1945 HTTP
- RFC 1994 CHAP
- RFC 2131 DHCP
- RFC 2637 PPTP

Certifications

- CSA/NRTL (UL 1950, CSA 22.2.950)
- GS (EN60950)
- CB (IEC60950)
- FCC Class B
- VCCI
- CE Mark

Warranty

- Limited Lifetime

Barricade™

SMC7004VBR V.2

Cable/DSL Broadband Router
with integrated Firewall



www.smc-europe.com www.smc.com

SMC Networks Europe Head Office

Edificio Conata II
Fructuós Gelabert 6-8 20, 4a
08970 - Sant Joan Despi
Barcelona
Spain

Telephone: +34 93 477 4920

Facsimile: +34 93 477 3774

SMC Networks Central Europe

Telephone: +49 (0) 89 92861-0
Facsimile: +49 (0) 89 92861-230

SMC Networks CIS

Telephone: +7 095 789 35 73

Facsimile: +7 095 789 35 73

SMC Networks Denmark

Telephone: +45 (0) 566 62283

Facsimile: +45 (0) 566 62286

SMC Networks Eastern Europe

Telephone: +49 (0) 89 92861 142

Facsimile: +49 (0) 89 92861-230

SMC Networks Italia

Telephone: +39 (0)33 55 70 86 02

SMC Networks Netherlands

Telephone: +31 627 075227

Facsimile: +31 334 557 330

SMC Networks Nordic

Telephone: +46 (0) 8 687 0700

Facsimile: +46 (0) 8 87 62 62

SMC Networks Northern Europe

Telephone: +44 (0)118 974 8700

Facsimile: +44 (0)118 974 8701

SMC Networks North West Africa

Telephone: +216 71 23 66 16

Facsimile: +216 71 75 14 15

SMC Networks Sub-Saharan Africa

Telephone: +27 113 14 48 73

Facsimile: +27 113 14 91 33

SMC Networks South-East Europe

Telephone: +49 (0) 89 74 08 00 80

Facsimile: +49 (0) 89 74 08 00 81

SMC Networks Southern Europe

Telephone: +33 (0) 1 41 38 32 32

Facsimile: +33 (0) 1 41 38 01 58

SMC Networks Spain and Portugal

Telephone: +34 (0) 636 2043

Facsimile: +34 (0) 636 2044

SMC Switzerland

Telephone: +41 (0) 19409971

Facsimile: +41 (0) 19409972

SMC[®]
Networks